

# Girl Scouts, STEM, and CDC

Girl Scouts can earn a wide variety of STEM-related badges, many of which are foundational for a career in public health. CDC has a collection of both in-person and online STEM resources available to help you complete the requirements for these badges and to extend your exploration of public health. To start your journey towards a future in public health, we suggest starting with these badges:

- STEM Career Exploration (**Brownies, Juniors, Cadettes**)
- Think Like a Citizen Scientist Journey (**Daisies, Brownies, Juniors, Cadettes, Seniors, Ambassadors**)

For a full list of all STEM-related badges and the individual badge requirements, visit <https://www.girlscouts.org>.



## In-Person:

- [CDCM PHA Disease Detective Camp](#): This free, hands-on, academically rigorous STEM day camp is for students going into their junior or senior years. Sample topics include environmental health, disease surveillance, epidemiology, and health communication. Participants are expected to fully immerse themselves, work together, and become a diverse team of disease detectives!
- [NCHS Data Detectives Camp](#): This summer STEM camp features fun, hands-on activities, group projects, and computer programs for students starting 6th or 7th grade. Learn to think like a data detective by asking the right questions, collecting information, analyzing data, and determining the answer.
- [David J. Sencer CDC Museum](#): Visit the museum, whose mission is to educate visitors about the value of prevention-based public health, while collecting, preserving, and presenting CDC's rich heritage and vast accomplishments through engaging museum exhibitions.

## Online:

- [CDCM PHA Online Summer Course](#): This free online, academically demanding STEM course is for high school students going into their junior or senior years. Sample topics include epidemiology, laboratory science, global health, and health communication.
- [CDCM PHA Teen Newsletter and Teen Talk](#): This monthly newsletter introduces teens to different public health topics at CDC. Each newsletter provides an *Introduction*, explains *CDC's Work*, breaks down the topic using the *Public Health Approach*, gives you a behind the scenes look at historical items in *Out of the CDC Museum Collection*, and offers a live *Teen Talk* where teens can learn from CDC experts.
- [CDCM PHA STEM Lessons](#): Learn about public health issues like food safety and environmental hazards. The STEM Lessons offer inquiry-based, hands-on activities for middle and high school students.
- Learn about public health and epidemiology with [NERD Academy](#) by solving a novel disease outbreak.
- Read comics and graphic novels like [Ask a Scientist](#) and [Junior Disease Detectives](#).
- Play with games and apps like [BAM! Dining Decisions](#), [Solve the Outbreak](#), and [CDC Health IQ](#).

For a full list of all opportunities, visit the STEM at CDC website: <https://www.cdc.gov/stem>  
Have questions? Email [STEM@cdc.gov](mailto:STEM@cdc.gov) for information.